DR. ARNOTT'S CHIMNEY VALVE

as made on the true principles, and under the immediate direction of Dr. Arnott. These Ventilators are to be had of F. EDWARDS, the sole original manufacturer of the valve, in a variety of shapes and sizes, and at greatly reduced prices. Prospectus, with full particulars, on application.

A PRIZE MEDAL has been awarded to F. EDWARDS for the ARNOTT'S STOVES exhibited by him at the Great Exhibition.

42, Poland-street, Oxford-street, London.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements

Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 8.	Second size, 16 by 9
Plain Iron Valve	6 6	9 6
Bronzed and Leathered	7 6	10 6
Japanned, white with Gold lines	11 6	16 6
Ditto with Trellis work	12 6	15 6
Brass Front, laced, or bronzed	13 6	19 6
Ditto with Trellis work	19 6	27 6

Ventilators of any description made to order.

Manufactured by HART and SONS, 83, 84, 85, Wych-street, Strand, London.—Post-office orders payable at 263, Strand.

VENTILATION—PURE AIR.

Sherringham's Ventilator, for the

admission of pure air through an

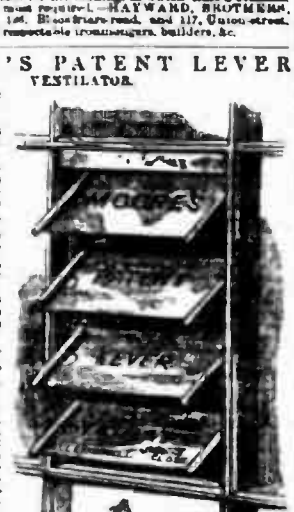
EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 126, Bloomsbury-road, and 117, Union-street, Borough, and of all respectable ironmongers, builders, &c.

MOORE'S PATENT LEVER VENTILATOR.

The principle of the LEVER VENTILATOR is simple and most effective which will be seen by the accompanying Drawing, and its action is so arranged that no accident can occur to the Glass Louvres, nor is it in any way likely to get out of order. The sashes of the frame, levers, and screws, are made of brass, thereby avoiding rust. It is suited to most forms of sashes, and is opened and closed with great facility, and can be regulated to any quantity of ventilation. No draught is produced by a fine, which pulled, opens the Louvres, and, when loose, closes air tight. It takes less space than any other Ventilator, and does not interfere with the operation of the window. Much greater ventilation is obtained by the Levers throwing the vanes outward, by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators should give the exact measure of the sash for which they are intended. A cheaper description of this ventilator made for churches, chapels, lecture-rooms, workshops, &c.



JOHN MOORE and SONS, Church, Turret, and House Clock Manufacturers, 2, 3, 4, 5, Clerkenwell-close, London; Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China. N.B.—A List of the Clocks made at the above Manufactory can be had either by post or otherwise.

NOIRSAIN'S VENTILATING GRATES and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel.—Entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. S. KIDD, Agent.

TOZER'S PATENT VENTILATING GAS STOVE, for halls, shops offices, &c., price 30s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 3d. for twelve hours. The absorption of all smoke and dust particularly recommends it for the use of libraries or wherever warmth is required. Also TOZER'S PATENT SUN STOVE, to bake cake, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, 53, Dean street, Soho.

CUNDY'S PATENT WARM AIR VENTILATING PRIZE STOVE OF 1839 and 1851.—WM. HODGES (late J. K. Dowson), 128, Oxford-street, London, is the sole manufacturer of the above well-known STOVE, for which Mr. Cundy received the large Silver Medal from the Society of Arts on the 22nd July, 1839, and is the only Metal Air Ventilating Stove for which a prize medal was awarded at the Great Exhibition.

COUNCIL PRIZE MEDAL.—FOR DRAWING-ROOM STOVES AND FENDERS.

J. B. RICHARD and SONS, having purchased the whole of the Drawing-room STOVES and FIRE GRATES, to which one of the Council Medals was awarded at the Great Exhibition, respectfully solicit an INSPECTION of them at their extensive show-rooms,

19, WIGMORE-STREET, CAVENDISH-SQUARE.

IMPROVED COOKING RANGES, as supplied to a several of the principal Gentlemen's, Railway Hotels, Public Establishments, and Private Families, combining great efficiency and the utmost economy of fuel with perfect simplicity of management and the most substantial workmanship. Specimens of the new Roasting Ranges, Roasting Stoves, Hotting-up Tables, Hot-water Drying-closets, Bronze-fenders, &c., were lately shown at the Exhibition, Class XXII., No. 2; and a large collection, including kitchen ranges, of every gradation of price, from 35s. to £100, may be inspected at BENHAM and SONS' Manufactory and Show-rooms, 13, Wigmore-street, Cavendish-square, London.

MANUFACTURERS to the TRADE of COOKING STOVES, by GAS or FUEL, either close or open, Register, Hitchin, and every description of Grates, of the best designs, including those with fire-brick beds.

Patent Stoves, for close fires.

Hot Air Stoves, for public buildings, shops, or halls, with ascending or descending flue.

Ship and Yacht Stoves, for cooking and warming.

Cranes, Jibs, &c.

Hall ing and Balcony Work.

Fire and Garden Engines, and every variety of Force and Lift Pumps.

Wrought-iron FIRE-PROOF BOOK RAVES and Deed Boxes; also in cast iron.

Iron Bedsteads and Cots of all kinds.

Hot Water and Steam applied for heating buildings of any size and description.

GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of Iron-work; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.

GRIGG and JENKINSON, Finsbury Iron Works, 119 and 120, Bunhill-row, London.

STOVES, RANGES, GAS FITTINGS, &c.

BENETFINK and COMPANY defy competition in the above articles, if durability, combined with elegance of design, is deemed to be the test of obtaining one.

B. and Co. respectfully call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the kingdom. Their stock contains Stephenson's Patent Register Stoves, patent hemispherical ditto, patent solar ditto, and patent pyramidic ditto; the unrivalled Derby Kitchen Range, and every description of cooking apparatus. As a proof of their ability to furnish the mansion or the cottage they submit the following scale of prices:—

Fine cast black Register Stoves, 2 feet wide, from 12s. to 120s.

Highly finished Drawing-room Stoves, from 63s. to 20 guineas.

Cottage Ranges, with boiler and self-acting oven, from 25s.

Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 35s.

Very strong Kitchen Ranges, with self-acting oven, best wrought-iron steam boiler, bright fittings, and bright spit racks, from 10 to 15 guineas.

2 light, water slide, gas Chandeliers, from 20s.

3 light ditto ditto, from 2 to 12 guineas.

NOTE THE ADDRESS.—BENETFINK and COMPANY, 30 and 31, CHEAPSIDE, LONDON.

Wholesale warerooms, 1, IRONMONGER-LANE.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 120, Shoreditch.

Improved Cottage Ranges, with	20	25	30	35 inch.
Large Oven and Boiler	25s.	30s.	35s.	45s.
Best Self-acting Ranges, with Oven and	34	36	38	42 inch.
Back Boiler, Bright Wrought Bars	45s.	50s.	55s.	65s.

Strong Kilipitic Stoves, with Extra Back and Solid Bars, per inch, 2½d.

Register Stoves, with Solid Bars, per inch, 4d. Best Solar, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Pires, 5s. to 100s. each.

Cast Rain water Pipe	8d.	10d.	3 inch. 1s. per yard.

Cast Gutters—4 inch, 8d. per yard.

O. G. Gutters	4	6 inch.
	11d.	1s. per yard.

Best Cut Clasp	1½	1¾	2	2½	3 inch.
and Nose	14s. 6d.	15s.	18s. 6d.	23s.	28s. per cwt.

Sheet Flooring Brads, 12s. 6d. per cwt.

1-inch Cast Lath, 16s. Cast Lath, 8s. 6d.

6 inch 3 Bolt Rd. Warl Mortice, with best Furniture and Patent Spindles, 2s. 6d. Light Elliptic and Register Metal, 12s. per cwt.

Hot Water Pipes, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 5s. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 126 and 127, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, blind-makers, smiths, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Best Cut Clasp	1¼	1½	2	2½	3 in.
and Nose	14s. 6d.	16s. 6d.	18s. 6d.	23s. 6d.	28s. 6d. per cwt.

Cast Lath, 8s. 6d. per cwt.; Sash Weights, 3s. per cwt.

Sash Pulleys, 6s. per gross.

Cast Butts, per dozen pair:—8-in., 10d.; 9½-in., 1s. 3d.; 3-in., 1s. 9d.

Iron Rain-water pipe	8d.	3 in. 10d.	1s. 1d. per yard.
Half Round Gutter	7d.	3 in. 7½d.	4 in. 9½d.

O G Gutter 11d. 1s. 1s. 6d.

Air Bricks, 3s. 6d. per dozen. Hooping for Bond, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 4s. 6d. each.

3-ft. Self-acting Cottage Ranges, with Oven and Boiler, 35s. each.

2-ft. 6 in. ditto, with Wrought Bars and Bright Fittings, 30s. each.

Register Stoves, with Double Backs, 5d. per inch.

Elliptic Stoves, with Double Backs, 3½d. per inch.

Bright Register Stoves, with Two Sets of Bars, from 3l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

Large assortment of Mins. Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell pulls en suite.

Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade connecting ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 126 and 127, LONDON-ROAD, SOUTHWARK, six doors from the Obelisk.

TO BUILDERS, SMITHS, WHEELWRIGHTS, AND OTHERS.

JOHN LINEY'S BAR, ROD, HOOP, and SHEET IRON WAREHOUSE; Stove, Grate, and Range Manufactory, No. 1, Charles-street, East, Euston-square, begs to call the attention of the above to the unprecedented low prices of the following Articles:—

Rash Weights, 3s. per cwt.; Hooping for Bond, 8s. 6d. per cwt.; Air Bricks, 3s. 6d. per doz.

Rain Water Pipe	8d.	3½ 10d.	3 inch 10 per yard.	
Half-round Gutters, 4 inch, 11d.; 4½ inch, 1s. per yard.				
Improved Fall-spouting	20	25	30	35 in. With brass taps
Cottage-ranges	25s.	28s.	32s.	35s. complete.

Best Bright Ranges, with circular Ovens, Back Boilers, and Improved Top, complete 3 ft. 45s.; 2ft. 6 in. 40s.; 2ft. 7s.

Strong Elliptic Stoves, extra bash, 3½d. per inch; Register Stoves, from 5d. per inch. With every other article equally low.

N.B. A powerful double-power three or four-hand Crab to be sold cheap.

TO BUILDERS AND CARPENTERS, &c.

J. BOOBBYER and CO., late Sturch & Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 74, Southwark-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholders, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Fine Cut Clasp and Nose.

2½	2¾	3	3½	4	4½ inch.
24s. 6d.	26s. 6d.	28s.	32s.	36s.	40s. per cwt.

Best Bright Tower Bolts.

1s. 9d.	2s. 7d.	3s. 6d.	4s. 6d. per dozen.
3"	4	5	6 inch.

Best Patent Sash Line.

No. 1	2	3	4	5	6
4s. 6d.	5s. 6d.	6s. 6d.	7s. 6d.	8s.	10s. 6d. per gross.

Cast Lath Nails, 16s. per cwt. Air Bricks, 3s. 6d. per dozen.

DR. ARNOTT'S VENTILATORS.

10 by 8 inches	8s. each.
16 by 9 "	9s. "

An assortment in Brass, Bronzed, Gilt, &c.

An extensive stock of Martin Locks, Brownlock Locks, Iron Bar Locks, and Latches, of every description, at very reduced prices. Also Brass Furniture, in satin, oxidized, or fancy, Sheet, Rolled Iron, Screws, &c., with Finger-plates, Bell-pulls, Levers en suite. N. and Co. are the inventors of the PATENT BOLT, PATENT LOCKER, &c., so universally approved of.—Established nearly 50 years, for the supply of goods from the best manufactories at the Lowest prices.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street, Finsbury-square, begs to inform the above Trades that he has now added the business of the late Mr. WILLIAMSON to his own old established concern, and respectfully invites an inspection of his immense stock of Ironmongery, which cannot be surpassed in London, every article being of the best quality and lowest possible prices.

Elliptic Stoves, double backs, 2½d. per inch.

Register Stoves, 3d. 4d. 4½d. 5½d. per inch.

Self-acting Ranges, with ornamental ovens and back boilers, best wrought bars and bright fittings:—

3 ft., 2l. 10s.; 3 ft. 6 in., 3l. 4s.; 4 ft., 3l. 15s.

3-feet Cottage Ranges, with ornamental back boilers, 35s. each.

3-feet self-acting ditto, ditto, 35s. each.

Air Bricks, 3s. 6d. per doz.—1-inch Cut Lath Nails, 13s. 6d. per cwt.

Best Patent Cut Clasp.

1½	1¾	2	2½	3 inch and larger.
14s. 6d.	16s.	18s. 6d.	23s.	28s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.

Best Town Glue, 9½. Ditto, Scotch, 8½ per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by post prepaid.

WARMING by HOT WATER.—J. WEEKS and CO.'s HOT WATER APPARATUS have been as extensively in operation in those premises, King's road, Chelsea, they have also erected their apparatus for various purposes throughout the kingdom; references can be given in almost every county. They beg particularly to refer to their own establishment, and also to that of Mr. Stocken's extensive carriage repository, Hide-street, Hyde-park-corner, where the apparatus may be seen in operation. Ornamental Pedestals and Stacks of Pipes in great variety, applicable for warming churches, manufactories, halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any introduced.—J. WEEKS and CO., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

WARMING AND VENTILATION.—D. and E. BAILEY, 378, Holborn, having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories, and Horticultural Buildings; and they also erect Conservatories, Hot-houses, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire-irons, &c., as well as a most complete and economical Portable Cooking Apparatus, or "Cottager's Stove," equally suitable for Game Shooting-boxes, Yachts, or for persons emigrating.

Dr. Arnott's Ventilating Valve.

WARMING and VENTILATING.—Churches, Conservatories, Hot-houses &c., heated by superior HOT-WATER apparatus, fitted with most efficient and economical boilers, self-feeding through the night, and requiring little attention to work. Also, the TILLEY RANGE, a simple and useful Warm-air Apparatus, that is especially adapted for Churches requiring to be warmed only occasionally.—Apply to PHILLS and TAYLER, Eastbourne, Battersea.

TO FLORISTS AND OTHERS.

J. JONES, Iron Merchant, has always in great variety of CONICAL and SADDLE BOILERS in STOCK: also fire and furnace bars, ornamental and plain wire, cisterns, double doors and frames, furnace grates, and sheet iron of same, hot water pipes, elbows, tees, syphons, throttle valves and cocks, flange and socket elbows, &c.; also 6-cough pipes. Drawings and prices of the above, on application to J. JONES, Iron Merchant, wharf, No. 6, Bankside, London, near the Southwark iron bridge.

IRON HURDLES.—Great Reduction.—

For Sheep, 6 ft. long, 3 ft. above ground, five bars	3s. 6d.	each
For Cattle ditto	3 ft. 3 in. ditto	3s. 6d. each

Strained Wire Fence, 3 ft. 6 in. ditto, six wires, standards, 6 ft. apart ..... 1s. 1d. per yard.

Ditto with Extra strong Standards ..... 1s. 3d. per yard.

Wire wire netting for excluding hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences of every variety. Cast and bean bruisers, with iron frame and wrought bean bearings and revolving screw, 4l. 4s. each. Chaff cutters of best construction, metallic framing, and fly-wheel, with two knives, to cut sixteen bushels per hour, 4l. 4s. each. Garden and stable pumps, 45s. Wrought-iron wheelbarrows, 32s.

STEPHENSON and PHILLS, 61, Gresham-buildings, City; and at the Manufactory, 17, New Park-street, Southwark.

TO IRONMASTERS, RAILWAY DIRECTORS, ENGINEERS, and FOUNDERS.—The Subscriber having been appointed SOLE AGENT in LONDON for the SALE of Mr. MORRIES STERLING'S PATENT IRON, begs to intimate that he is prepared to supply railway companies, engineers, and founders, with the PATENT MALLEABLE and TOUGHENED CAST-IRON, and that all orders addressed to him for chairs, and also for RAILS, with hardened surfaces, shall have his prompt attention. Specimens of the different irons shown, and every information afforded, on application. Information as to the terms of license under Mr. Sterling's Patents will be given by the Subscriber, and also by Mr. JEE, C.E., 6, John-street, Adelphi.

A. MACKATOSH.

Offices—2, Queen-street-place, Upper Thames-street.

Warehouse—Paul's Wharf, 36, Upper Thames-street.

Aug. 9, 1851.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 44 and 45, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, counthouse, and other gates and doors of large and small dimensions, a gate of a 100 weight moving with these hinges as easily as a trifle. Ornamental hinges adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Hasting and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent Lambeth." Plain and ornamental cast and wrought iron work for building and other purposes. Engines, machinery, patent safe-trees, sugar-mills, &c.